

To: David Andrews - DNR[david.andrews@state.co.us]
Cc: **Ex. 6 - Personal Privacy**
From: Pfeiffer, Tricia
Sent: Fri 12/9/2016 3:51:58 PM
Subject: FW: Request for EPA Evaluation

David,

Can you answer Ms. Bracken's questions below about the recent activity on the Schwartz pad? I don't believe it can be looked up in the COGCC database given it's currently in process.

Thanks,
Tricia

Tricia Pfeiffer, Environmental Engineer
USEPA, R8 Aquifer and Aquatic Resource Protection Unit
Office: (303) 312-6271

-----Original Message-----

From: L Bracken **Ex. 6 - Personal Privacy**
Sent: Thursday, December 08, 2016 4:45 PM
To: Pfeiffer, Tricia <Pfeiffer.Tricia@epa.gov>
Subject: RE: Request for EPA Evaluation

Tricia and team;

I've noted recent pad activity (mid Nov to early Dec, 2016) on the first Schwartz pad excavated here in the Mamm Field, that seems to have involved the use of pulleys on drill stems.

I am wondering if this activity is in any way related to the on-going review/evaluation (similar to that of Miller) which I requested in December of 2013 and which was subsequently initiated by the EPA and collaboratively analyzed by the COGCC.

Please recall, the request for the evaluation was an outgrowth of my concern for observable impacts relative to the 2004 and 2008 seeps which occurred during drilling/fracing operations associated with a number of specific wells in this area.

I have reviewed the COGCC's You Tube video and presentation:
<https://www.youtube.com/watch?v=XnYfzW0Rhes> associated with my request for evaluation.

While it seems that my request for evaluation has been useful in encouraging a multi agency review -- the video presentation noted above appears to fail to account for potential operational implications from the wells specific to my concerns noted above (that is relevant: Twin Creeks, Price, Schwartz, and, Brown wells).

While I truly appreciate the extended and collaborative nature of a multi-agency review, I am requesting, once again, a complete copy of the actual evaluation conducted by the EPA and specific to the EPA's considerations arising from my request. Given the welcome and broad potential for any such evaluation to invite and support interpretive differences, please include any lab/bench/field notes that may lend a greater understanding in my interpretation of the EPA's perspective on the EPA's evaluation.

Thank you, Lisa Bracken

-----Original Message-----

From: Pfeiffer, Tricia [mailto:Pfeiffer.Tricia@epa.gov]
Sent: Wednesday, December 11, 2013 3:28 PM
To: L Bracken
Cc: Andrews - DNR, David; Oberley, Gregory; Alex Fischer - DNR
Subject: RE: Request for EPA Evaluation
Importance: High

Lisa,

I have attached the spreadsheet provided to COGCC that contains the analysis conducted by EPA that I believe the slides are referencing. Please call me if you have any questions and I will explain what was done.

Tricia Pfeiffer
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-----Original Message-----

From: L Bracken [Ex. 6 - Personal Privacy]
Sent: Wednesday, December 11, 2013 2:41 PM
To: Pfeiffer, Tricia
Subject: Request for EPA Evaluation

Tricia,

Can you please send me any references or review work the EPA has conducted relative to the COGCC's work on West Divide Creek?

I came across this reference (below) in the COGCC presentation library (could not extract pages to include for reference - but please see slides 34 and 35 specifically), and it would be helpful to have the referenced review in correlating incoming data, especially relative to Garfield County's Phase III conclusions.

Thanks for any assistance you may be able to offer.

Lisa Bracken

http://cogcc.state.co.us/Library/PiceanceBasin/EastMammCreek/NW_Cmt_BH_Practices_COGCC20110919.pdf

